



JFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/824,317
Applicant : Gregory W. Hoverson et al.
Filed : April 8, 2004
Title : Multistage Space-
Efficient Electrostatic
Collector
TC/A.U. :
Examiner :
Docket No. : 4695-000097

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop - No Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on the 25th day of June, 2004.

Jo Ann Kuczynski 6-25-04
Jo Ann Kuczynski Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Mail Stop - No Fee
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant notes the references listed on the attached "Information Disclosure Statement By Applicant" PTO Form 1449. Copies of non-U.S. patent documents are enclosed.

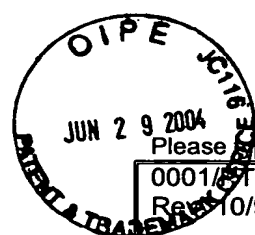
Applicant notes the following co-pending applications: Application No. 10/438,785, filed May 15, 2003; Application No. 10/634,565, filed August 5, 2003; Application No. 10/820,541, filed April 8, 2004.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

Michael E. Taken
Michael E. Taken
Reg. No. 28,120

Andrus, Sceales, Starke & Sawall, LLP
100 East Wisconsin Avenue
Milwaukee, WI 53202
(414) 271-7590



Please type a plus sign (+) inside this box [+]

Patent and Trademark Office: U.S. Department of Commerce

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	10/824,317
		Filing Date	April 8, 2004
		First Named Inventor	Gregory W. Hoverson
		Group Art Unit	
		Examiner Name	
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Attorney Docket Number	4695-00097
Total Number of pages in this Submission		10+	

ENCLOSURES (check all that apply)

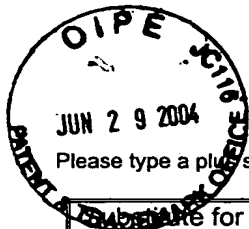
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication To Technology Group
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> After final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Information Disclosure Statement/PTO-1449	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Response to Missing Parts/ <input type="checkbox"/> Incomplete Application	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> RETURN RECEIPT POSTCARD
<input type="checkbox"/> Response to Missing Parts Under 37 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Michael E. Taken (Reg. No. 28,120) ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	<i>Michael E. Taken</i>
Date	6/25/04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop - No Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on the <u>25th</u> day of June, 2004.			
Typed or printed name	Jo Ann Kuczynski		
Signature	<i>Jo Ann Kuczynski</i>	Date	6-25-04



JUN 29 2004

Please type a plus sign (+) inside this box [+]

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/824,317
				Filing Date	April 8, 2004
				First Named Inventor	Gregory W. Hoverson
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket number	4695-00097

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		1,605,648	11/8/1926	Cooke			
		2,085,349	6/29/1937	Wintermute			
		3,668,835	6/13/1972	Vicard			
		3,755,991	9/4/1973	Steuernagel			
		3,910,779	10/7/1975	Penney			
		3,999,964	12/28/1976	Carr			
		4,202,674	5/13/1980	Rodenberger et al.			
		4,222,748	9/16/1980	Argo et al.			
		4,239,514	12/19/1980	Junkers			
		4,381,927	5/3/1983	Noll			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		307656	10/18/1919	Germany				
		0044361	1/27/1982	EPO				
		3702469	8/11/1988	Germany				
		3930872	3/28/1991	Germany				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
		<i>Mechanical Design considerations for dry precipitators</i> , Applied Electrostatic Precipitation, F. Knuttsen and K. R. Parker, December 1997, pgs. 89-112.	
		Applied Electrostatic Precipitation edited by K. R. Parker, 1997, pgs. 1-8.	
Examiner Signature		Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to client.			

Please type a plus sign (+) inside this box [+]

Approved for use through 10/31/2002. OMB 0651-0031)
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/824,317
				Filing Date	April 8, 2004
				First Named Inventor	Gregory W. Hoverson
				Group Art Unit	
Examiner Name					
Sheet	2	of	2	Attorney Docket number	4695-00097

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,478,613	10/23/1984	Brettschneider et al.			
		5,911,213	6/15/1999	Ahlborn et al.			
		5,934,261	8/10/1999	Schumann et al.			
		6,221,136	4/24/2001	Liu et al.			
		6,348,103	2/19/2002	Ahlborn et al.			
		6,364,941	4/2/2002	Liu et al.			
		6,527,821	3/4/2003	Liu et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		00/30755	6/2/2000	WIPO				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner Signature		Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to client.			